

C.A.

KITTEL, G. A.

Halogen derivatives of cyclic diketones. I. Structure of halogen derivatives of 1,2-cyclopentanedione. G. B. Butler and J. P. Tomlinson. *Chem. (Abstr.)* 48: 11, 12, 13, 14, 15, 16, 17, 18, 19 (1957). — Passage of Cl₂ (and a 2,2-g. mole in wt. is reached) into 4.7 g. 1,2-cyclopentanedione in 40 ml. H₂O with cooling and boiling the most, stand overnight (see *ibid.* 3-dichloro-1-cyclopentane-3-di-1-one (I); m. 127-8° (from H₂O)). If the reaction is run at 30-35° (spontaneous heating) 41% of 2,2-dichloro-1-cyclopentane-3-di-1-one (II), m. 118-19°, is obtained; the product is identical with the chlorination product of I (as with the product obtained from FeCl₃) according to Hammett [*Rev.* 22, 1282 (1957)]. Addn. of the water to II with the color retained gave 88% 4-bromo-2,2-dichloro-1-cyclopentane-3-di-1-one, m. 108° (from H₂O); continuation of bromination in H₂O until instantaneous decoloration stopped shortly gave 82% 2,2-dichloro-3,3-dichloro-1,2-cyclopentanedione, m. 98-79°, which was identical with the product described by Hammett (*cf. above*) as a mono-Br deriv. The authentic mono-Br deriv. gives an intense red color with FeCl₃ and is stable to alk. K₂Cr₂O₇; the di-Br deriv. gives no color with FeCl₃ and liberates iodine from KI. O. M. Koshupoff, *Fevalans*. R. D. Brown (Univ., Melbourne). *Nature* 165, 595-7 (1950). — A theoretical discussion in which it is concluded that the as yet unknown hydration substance

$\text{HC}::\text{CH}::\text{CH}::\text{C}::\text{CH}::\text{CH}::\text{CH}$ will probably be the best example of a mol. in which the static charge distribution, the classical bond diagram, and the quantum-mech. static bond orders do not provide an adequate picture of the reactivity.

R. L. Elam

Kittel, G. A.

Kittel, G. A. and Tsukervanik, I. P. "Halogen derivatives of 1,2-cyclopentadiene and of 4-methyl cyclopentadiene", Doklady Akad. nauk UzSSR, No. 9, 1948, p. 8-11, (Resume in Uzbek).

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 10, 1949).

KITTEL, Z.

Handling sugar beets by the use of nets. p.165.

GAZETA CUKROWNICZA. (Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Przemyslu Rolnego i Spozывczego i Centralny Zarzad Przemyslu Cukrowniczego) Warszawa, Poland. Vol. 61, no. 5, May 1959.

Monthly List of European Accessions (EEAI) LC, Vol. 8, no. 8
August 1959.

Uncl.

KITTENBERGER, KALMAN

Kélet-Afrika vadonjaiban. (2. kiad.) Ifjúsági Könyvkiadó (1955) 230 p. (In the wilderness of East Africa. 2d ed. illus., map)

SOURCE: East European Acquisitions List (EEAL), Library of Congress
Vol. 5, no. 6, June 1956

KITTLER, R.

A contribution to the study of the prerequisites for heat engineering in the construction of outside panels from the viewpoint of heat insulation and of the diffusion of steam.

p. 293 (Slovenska akademie vied. Ustav stavebnictva a architektury. Prace. 1954 (published 1956). Bratislava, Czechoslovakia)

Monthly Index of East European Accessions (MEAJ) LC. Vol. 7, no. 2,
February 1958

KITLER, R., iashener.

Development of methods for computing natural illumination of
buildings taking into account reflected light. Svetotekhnika
2 no.2:18-21 Mr '56. (MIRA 9:7)

1. Chekheslevakiya, Slevatskaya akademiya nauk.
(Lighting)

Kittler, R.

Kittler, R. A few remarks on the bilateral lighting of schools. p. 179.

Vol. 4, no. 3, 1956
STAVEBNICKY CASOPIS
TECHNOLOGY
Czechoslovakia

So. East European Accessions, Vol. 6, May 1957
No. 5

KITTLER, R.

Practical design of windows for rooms with side lighting. p. 292.

STAVERNICKY CASOPIS. (Slovenska akademia vied) Bratislava,
Czechoslovakia, Vol. 7, no. 5, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 9, no. 1,
Jan, 1960

Uncl.

KITTLER, R., insh.; ONDREICHKA, Sh. [Czechoslovakian], insh., kand. tekhn.
nauk

Calculation of illumination from an inclined plane light
source. Svetotekhnika 8 no.9:11-13 8 '62. (MIRA 15:10)

1. Institut stroitel'stva i arkhitektury Slovatskoy akademii
nauk, Bratislava, Czechoslovakia.

(Electric lighting)

KITTLER, R.

Luminance distribution on a cloudless sky according to measurements and theoretical relations. Meteor spravy 15 no.2:34-35 '62.

1. Československá akademie věd, Ústav stavebnictva a architektury
Slovenské akademie věd, Bratislava.

~~KITTEL, Shtefan~~ kand. tekhn. nauk; ONDREICHKA, Shtefan[Ondrejicka, S.],
insh.

Letter to the editor. Svetotekhnika 9 no.7:26 J1 '63.
(MIRA 16:7)
(Electric lighting)

KITTLER, Richard, ins., C.Sc.

Directional property of the light transmission of the flat window glass. Stav cas 11 no.1/2:161-168 '63.

1. Ustav stavebnictva a architektury, Slovenska akademie vied, Bratislava.

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New calculation formulas for determining the sky component of daylight from a sloping rectangular aperture with transparent glass. Stav cas 11 no.8:469-485 '63.

1. Ustav stavebnictva a architektury, Slovenska akademia vied, Bratislava.

KITTLER, R., kand.tekhn.nauk

Empirical formulas for determining reflected component of daylight
in premises with indirect illumination. Svyetotekhnika 10 no.3:18-
20 Mr 64. (MIRA 17:3)

1. Institut stroitel'stva i arkhitektury Slovatskoy akademii nauk,
Bratislava, Chekhoslovatskaya Sotsialisticheskaya Respublika.

KITTLER, Richard, ins. CSc.; ONDREJICKA, Stefan, ins.

Determination of the skylight factor for vertical rectangular daylighting apertures. Stav cas 12 no.5:261-278 '64.

1. Institute of Building and Architecture, Slovak Academy of Sciences, Bratislava.

MITCHELL, Richard, Ing. v. v. v.

Progress, new information and future research trends in the theory of daylighting interiors. Stav cas 12 no.8:437-452 '64.

1. Institute of Building and Architecture of the Slovak Academy of Sciences, Bratislava.

KITTMAR, M.; BARTUNEK, J.

Preliminary findings in cerebrospinal fluid analysis in control
of venereal diseases. Prakt. lek., Praha 31 no. 9:209-212 5 May
1951. (GLML 22:3)

1. Of the Institute of Venereology and of the Cerebrospinal Fluid
Laboratory of Psychiatric Clinic.

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Treponema pallidum immobilization test under aerobic conditions
and in a simple medium. J. hyg. epidem., Praha 7 no.4:415-421
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1. Military Institute of Hygiene, Epidemiology and Microbiology
and Institute of Sera and Vaccines, Prague.

KITFAR, Erik, MUDr.; VERNERCHIK, Jiri; Stechnickou spolupraci
N. Konigova a A. Prikopova.

Kahn's universal reaction in investigations of nonspecific
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1. Z ustredni vojenske nemocnice.

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serol., Kahn's universal reaction in nonspecific
positive cases)

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Serodiagnostics with living and killed Treponema antigens. I. Isolation and cultivation of pathogenic strains of Treponema pallidum in animals. Cas. lek. cesk. 97 no.12:376-380 21 Mar 58.

1. Vojenski ustav hygieny epidemiologie a mikrobiologie.
(TREPONEMA PALLIDUM,
isolation & preserv. in rabbits of pathogenic strains for
serodig. (Cs))

KITTINAR, Vladimir, dr.

Dissertations, a help in industrial research. Tech prace
15 no.11s918 N'63.

1. Statni technicka knihovna, Praha.

KITTRICH, B.

TECHNOLOGY

periodicals: RUDY Vol. 6, no. 10, Oct. 1958

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p. 341.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5
May 1959, Unclass.

KITTHAR, Jiri; VLASAK, Zdenek; WEBERSCHNEIDER, Jiri

A new specific reaction in serodiagnosis of syphilis. Cas.lek.
cesk.99 no.39:1257-1258 23 8 '60.

1. Ústav ser a očkovacích látek, Praha, ředitel dr. Jiri Malek,
Vojenský ústav hygieny, epidemiologie, mikrobiologie, Praha,
náměstník dr. Zdenek Vlasak.
(SYPHILIS diag)

KITTNER, Zdenek

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1. Vysoka Ucení Technické, Brno.

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Cytological contribution to the diagnosis of loss of amniotic fluid. Cesk. gyn. 21 no.5:325-329 Sept 56.

1. Ustav pro peci o matku a dire, Praha-Podoli, reditel prof. MUDr. Jiri Trapl,

(AMNIOTIC FLUID

loss, diag. by cytol. (Cs))

(VAGINAL SMEARS

determ. of loss of amniotic fluid (Cs))

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Significance of meconium staining of the amniotic fluid as a
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(ASPHYXIA NEONATORUM, diagnosis,
meconium staining of amniotic fluid. (Cs))
(AMNIOTIC FLUID,
meconium stain. in diag. of fetal hypoxia. (Cs))

FITZPATRICK, Michael, M.D.; PROPIAL, Josef, M.D.

Pathology of fetal membranes in premature delivery. Czech. J. Gyn. 22[6]
no. 5: 185-190 June 57.

1. HMD- Proba-Podell, prodekan prof. MUDr. J. Trnka.
(ZPRAVY HODNOCENÍ, 1968).
in premature & term delivery, comparison (18)

KITTRICH, Miroslav; ZNAMENACHEK, Karel.

Govjanov's method of management of pelvic presentation. Cesk. gyn. 24[38]
no.3:174-181 Mar 59.

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Traplved, ped. sekce dr. K. Belasck, M. K. JUD, nabr. K. Marie 157,
Praha-Podoli,

(LABOR PRESENTATION,

pelvis, Govjanov's method of management (Cz))

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Contribution to the problem of infection of amniotic fluid.
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M. Vojta, zasl. lekar CSR.
(AMNIOTIC FLUID microbiol.)

KITTRICH, M.

The reliability of the proof of the departure of the amniotic fluid by means of Nile blue. Cesk.gyn.25[39] no.6:493-497 J1'60.

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(AMNIOTIC FLUID)

KITTERICH, Radomil, doc., ins.

Strength of viscoelastic rocks. Sbor VSB Ostrava 9 no.2:
297-302 '63.

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Experimental data on the regulating activity of proteases
by physiological elements. Studii cerc biochimie 6 no.4:
523-528 '63.

1. Institutul oncologic, Bucuresti, Laboratorul de enzimologie.

GOSTARU, O., KITULESCU, I.

The capacity of synthesis of acetylphosphate of the serum in cancerous and noncancerous patients at pH 4. Rev. sci. med. 5 no.1/2:7-10 '60.

(NEOPLASMS blood) (PHOSPHATES blood)

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Method for extraction of glycopeptides from biological materials (white of an egg, human serum). *Studii cerc biochimie* 8 no.1:49-53 '65.

Serico mucoproteins as a means of differentiation of proteases in the serum of animals carrying tumors and those which are not carrying tumors. *Ibid.*:55-58

1. Oncologic Institute, Bucharest. Submitted October 28, 1964, and November 10, 1964.

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The application of certain biological control mechanisms for
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KIMBAR, B.A., red.; ZHUK, V.N., tekhn. red.

[Mechanisation of work and electrical wiring operations]
Mekhanizatsiia truda i elektromontazhnye raboty; posobie
dlia uchashchikhsia VIII klassa. Minsk, Gos.uchebno-
pedagog. izd-vo M-va prosv.BSSR, 1963. 134 p.

(Electric wiring)

(MIRA 16:12)

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Fedor Grigoriyevich; MIKULICH, Aleksey Stepanovich;
KACHINSKIY, Anatoliy Mikhaylovich. Prinimal uchastiye
YUSHKEVICH, N.A.; MOLCHANOVA, A.K., red.

[Textbook on physics for persons entering schools of
higher education] Posobie po fizike dlia postupaiushchikh
v vuzy. Minsk, Vysshaya shkola, 1965. 278 p.
(MIRA 18:6)

COSTACHEL, O., KITULESCU, I., POPP, I.

Influence of diisopropylfluorophosphate (DIP) on the capacity of
acetylphosphate synthesis of the brain of mice with transplanted
Erich's ascites carcinoma. Rev. sci. med. 5 no.1/2:19-21 '60.

(ISOPHOSPHATE pharmacol) (PHOSPHATES metab)
(BRAIN metab) (NEOPLASMS metab)

COSTACHEL, O.; KITULESCU, I.; POPP, I.

The influence of di-isopropylfluorophosphate (DIFP) on the taking of
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60.

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(NEOPLASMS metab) (PHOSPHATES metab)

KITULESCU, I., BALUTA, V.

Influence of glucose and nicotinamide on the capacity of synthesis
of acetylphosphate. Rev. sci. med. 5 no.1/2:57-60 '60.

(PHOSPHATES metab) (GLUCOSE pharmacol)
(NICOTINIC ACID related cpds)

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Acoustics

Dissertation: "Mechanical Vibrations and Waves, and Acoustics in a Physics Course in the Secondary School." Cand Pedagog Sci, Moscow City Pedagogical Inst, Moscow, 1953. (Referativnyy Zhurnal, Fizika, Moscow, Mar 54)

SO: SUM 213, 20 Sep 1954

KITUSHIN, V.G., inzh.

Concerning a practical criterion of the possibility of connecting a large single-phase load to an electric-power system at a given point in the network. Izv.vys.ucheb.sav.; energ. 4 no.4:124-125 Ap 1961. (MIRA 14:5)

1. Toploelektroproyekt, Novosibirskoye otdeleniye Vsesoyuznogo gosudarstvennogo proyektного instituta.
(Electric power distribution)

KITUSHIN, V.O., inzh. (Novosibirsk)

Determination of energy losses during reverse power flow.
Elektrichestvo no.8:82-83 S 165.

(MIRA 18:10)

ACC NR: AP7004643

(A)

SOURCE CODE: UR/0288/66/000/003/0110/0117

AUTHOR: Kitushin, V. G.

ORG: Siberian Scientific Research Institute of Power Engineering, Novosibirsk
(Sibirskiy nauchno-issledovatel'skiy institut energetiki)

TITLE: Prospects for utilization of asynchronous generators

SOURCE: AN SSSR. Sibirskoye otdeleniye. Izvestiya. Seriya tekhnicheskikh nauk,
no. 3, 1966, 110-117

TOPIC TAGS: ~~power-generating station~~, electric generator unit, electric power plant,
generator, asynchronous generator

ABSTRACT: The study on the utilization of large (greater than 200-Mw power output) asynchronous generators in power generating systems finds that the cost of such systems may be reduced especially when power is to be delivered to remote points. This is due to the fact that asynchronous generators remain stable even when power lines must accommodate large amounts of power. The system cost ~~reduction~~ is ~~possible~~ *cause* the cost of a 200-Mw asynchronous generator is lower than the cost of a synchronous generator of the same power capacity. In addition, if both type generators have a common shaft the necessary reactive power for the asynchronous generator may be derived from the output of a synchronous generator further increasing the stability of the whole system. The author analyzes the factors which govern the

Cord 1/2

UDC: 621.313.332

ACC NR: AP7004643

static and dynamic stability of a 500-kv asynchronous generator which must deliver its power at a distance of 1000 km. The results of an experiment confirm the theoretical findings. Orig. art. has: 9 formulas and 5 figures.

SUB CODE: 10/ SUBM DATE: 22Dec65/ ORIG REF: 011/ OTH REF: 002

Card 2/2

KONSTANTINOV, V.I.; SUTOVSKIY, S.M.; Prinimali uchastiye: MARTIROSOV, Zh.G.;
RUVINOV, E.S.; GULIYEV, A.M.; KITUSHINA, I.A.; NIFONTOV, P.R.;
CHUDAKOV, V.A.

Automatic measurement of chlorine concentration in anodic gas.
TSvet. met. 36 no.5:45-51 My '63. (MIRA 16:10)

1. Nauchno-issledovatel'skiy i proyektnyy institut "Neftekhimavtomat"
(for Martirosov, Ruvinov, Guliyev, Kitushina).

... the profiling of various ...

KULIYEV, A.M.; KULIYEV, R.Sh.; DZNYZINA, M.M.; ANTONOVA, K.I.;
KITUSHINA, Ye.N.; CHIKAROVA, N.I.; ALIYEV, M.I.

Investigating Neftyanys Kamni crude with regard to its suitability
for producing distillate lubricating oils. Sbor.trud.AsnII NP
no.2:106-130 Ag '58. (MIRA 12:6)
(Neftyanys Kamni region--Petroleum--Analysis)
(Lubrication and lubricants)

KULIYEV, A.M.; KULIYEV, R.Sh.; DREYZINA, M.M.; ANTONOVA, K.I.; KITUSHINA,
Ye.N.; CHEKAROVA, N.I.; ALIYEV, M.I.

Producing residual oils from Neftyanyye Kasni crude. Sbor.trud.
AsNIY NP/ no.2:131-144 Ag '58. (MIRA 12:6)
(Neftyanyye Kasni region--Petroleum)
(Petroleum--Refining)

K. TUSHINA, Ye. N.

STAGE : BOOK EXPLANATIONS

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Monthly trader. v. 2. (Collection of Works, No. 2) 200
Manufactured. 1926. 373 p. Errata slip inserted. 300
color printed.

Additional Supporting Agency: *Amesbury, Massachusetts. Ministerial Efficiency*
Department.

REMARKS: This collection of articles is intended for chemical engineers, technicians, and refinery concerned with advanced methods of petroleum conversion.

[illegible]

Collection of Works, No. 2

Allyl, A. L., B. B. Bailey, M. H. Berryman, E. V. Anderson,
C. C. Atkinson, E. J. Bailey, W. C. and M. L. Allen.
Current-Through-Petroleum Developed at the
Department of Petroleum Engineering
University of Illinois

Miller, A.S. - 1950 - 1951

I.L. Ruzayev. Application of the De-separating Process in the Reduction of Arsenic Ionizing Cell ME-23

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LABORATORY, V. 70., and I. I. EL'ERICH. PROBLEMS OF BUILDING MATERIALS. 126

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KIT'YAN, N.N.; NIKOLAYEV, N.N.

Allylsat therapy for trichomonal urethritis in man. Vest. ven. i
derm. no.6:47 N-D '54. (MIRA 8:2)

1. Kafedra koshnykh i venericheskikh bolezney Rostovskogo meditsin-
skogo instituta.
(URETHRA--DISEASES) (PHARMACOLOGY) (TRICHOMONIASIS)

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Problem of the classification of oil and gas pools. Geol. zhurn.
18 no. 4: 38-44 '58.
(Oil fields) (Gas, Natural) (MIRA 12:1)

DOLENKO, Grigoriy Nazarovich [Dolenko, H.M.]; KITYK, Vasilii Ivanovich;
PORFIR'YEV, V.B. [Porfir'iev, V.B.], akademik, otv.red.;
MEL'NIK, G.P. [Mel'nyk, H.P.], red.isd-va; LISOVETS, O.M.
[Lysovets', O.M.], tekhn.red.

[Geology of Ukrainian oil fields] Geologia naftovykh rodo-
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(MIRA 13:2)

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(Ukraine--Petroleum geology)

(S)

14(5)

AUTHOR:

Kityk, V. I.

SOV/152-59-3.5/25

TITLE:

The Types of the Salt Structures in the Dnepr-Donets Depression
(Tipy solyanykh struktur Dneprovsko-Donetskoy vpadyiny)

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Nefi' i gas, 1959,
Nr 3, pp 25-31 (USSR)

ABSTRACT:

The salt structures of this area lie in the central zone and in the southwestern and northeastern zone of the bedding slips. In regard to their morphology and their structure they belong to the dome-shaped diapyr folds, the core of which consists of saliferous rock. The majority of these salt structures can be reduced to geographical systems, to tectonic lines that drift parallel to the main structural elements of the respective areas. Each of these lines consists of a series of dome-shaped folds. These fold systems can be considered as continued salt anticlinals the structure of which is only rarely disturbed by horstlike uplifts. According to the classification of V. Ye. Khm (Ref 12) these structures are subdivided in a) diapyr folds with open salt intrusion b) cryptodiapyr folds (the salt intrusion does not pass through all layers of sediment and is superposed by a discordance) c) diapryoid folds and d) cryptodiapryoid

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**The Types of the Salt Structures in the
Dnepr-Donets Depression**

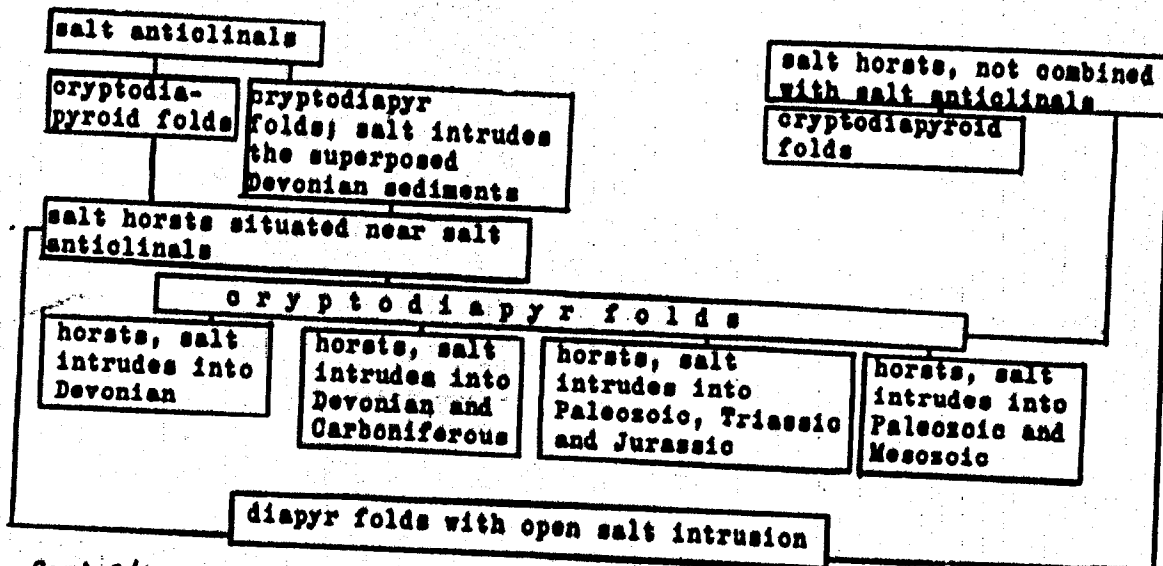
SOV/152-59-3-5/25

fold (the salt core only waves the superposed layers without intrusion). As discordances were established such between Devonian and Carboniferous, between Carboniferous and Permian, between Jurassic and Cretaceous and between Cretaceous and Tertiary. The salt structures are summarized in the following scheme:

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The Types of the Salt Structures in the
Dnepr-Donets Depression

SOV/152-59-3-5/25



Card 3/4

**The Types of the Salt Structures in the
Dnepr-Donets Depression**

SOV/152-59-3-5/25

In the area examined all subspecies of this scheme were found with exception of the salt horsts which intrude into the Paleozoic, Triassic and Jurassic. Their existence is only assumed. The article brings sketches as examples of the individual salt structures found in the area examined. There are 1 figure and 12 Soviet references.

ASSOCIATION: L'vovskiy politekhnicheskij institut (L'vov Polytechnic Institute)

SUBMITTED: June 9, 1958

Card 4/4

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